

**Beach**  **Recovery**  
Foundation

*Healing the Earth, one beach at a time.*



## A Pioneer in Coastal Accretion Engineering and Environmental Conservation

Gregory's dedication to environmental preservation was recognized at the United Nations in 2016, where he delivered a powerful presentation on the urgent need to restore beaches and protect coastal ecosystems. His insights and commitment have made a lasting impact in the field of environmental conservation along with introducing a new field of study, (Coastal Accretion Engineering).

[Click here to view the United Nation's address](#)



United Nations

# Beach Recovery



In the initial before photo, you can see our team installing coastal accretion technology at the nearshore. In the after photo, this innovative technology harnesses erosive wave energy, preventing further erosion, and encouraging sediment accumulation, effectively expanding the coastline. This is the power of coastal accretion, a sustainable solution that safeguards our coastlines.





“ We aim to **Recover Beaches** through establishing research Coastal Accretion and canvas design engineer sites all while documenting the process through







In these before and after photos see our technology naturally create the sandy beach without the need for beach nourishment.



# Beach erosion in the world: Causes



Rising Sea Levels



Economic Impact



Loss of Coastal Habitats affecting marine life and ecosystems.

## AE Beach erosion in Dubai

- The problem of beach erosion in Dubai, particularly around the man-made islands, is a significant environmental concern. Dubai has undertaken extensive coastal development projects, including the construction of artificial islands such as the Palm Jumeirah, the World Islands, and the Palm Deira. These islands are built by dredging sand from the seabed and shaping it into the desired formations.
- To address this issue, various measures have been implemented, including beach nourishment projects, construction of breakwaters, and seawalls. However, these solutions are often temporary and can have their own environmental consequences. Therefore, long-term sustainable strategies are needed to mitigate beach erosion and protect the coastal ecosystems in Dubai.

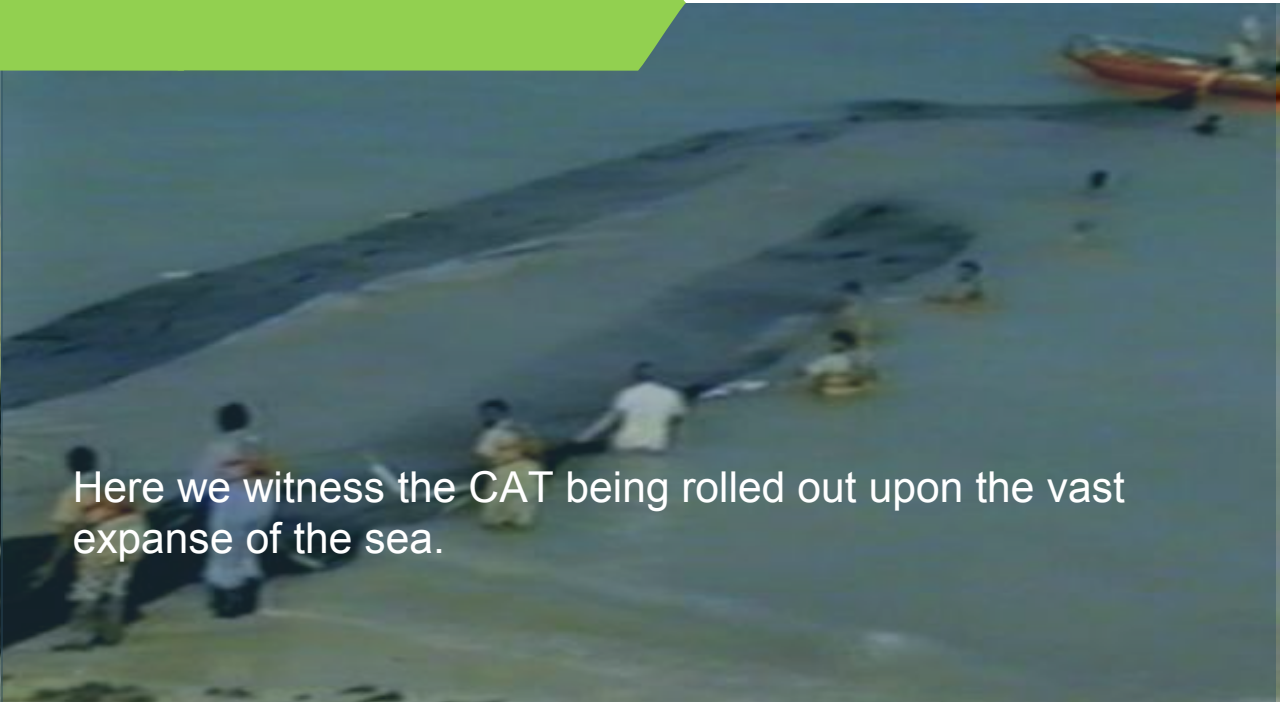


# Coastal Accretion Technology (CAT), Installation

- 1 Coastal Assessment
- 2 Collect Nearshore Data
- 3 Data Produces the CAD  
(Coastal Accretion Design)
- 4 Project Pricing Based on CAD Design
- 5 Manufacture the Geo Textile Tubes



Here we observe the dedicated workers carefully securing the CAT into its precise GPS satellite position, preparing for the pouring of the special cement slurry.



Here we witness the CAT being rolled out upon the vast expanse of the sea.

# Coastal Accretion Technology (CAT), Installation

- 6 Prepare the nearest shore coastline for laying the tube
- 7 Roll out the tubes Geo satellite and position them
- 8 Fill them with a special concrete slurry
- 9 Once installed you will see immediate accretion of the nearshore take place
- 10 No maintenance required

Here we witness the installed CAT filled with special cement slurry accreting sand.

We will solidify our partnership with RPM International, a publicly traded company listed on the stock exchange (stock ticker: [RPM](#)). This company will be in charge of the installation process.



**BEFORE - INSTALLATION**



**AFTER- INSTALLATION**



In these before & after photos the technology is installed on the beach to reduce the wave energy, forming new beach accretion.







# Target

Restore the entire coast of Dubai, Abu Dhabi, and beyond, as highlighted in red.

Rendering of a CAT canvas installation on Jumeirah Beach, awaiting final analysis of beach data for creation.



**150% ROI**  
in year one

**200% Increase**  
in habitat and environment

**Millions**  
**Return**  
in annual revenue

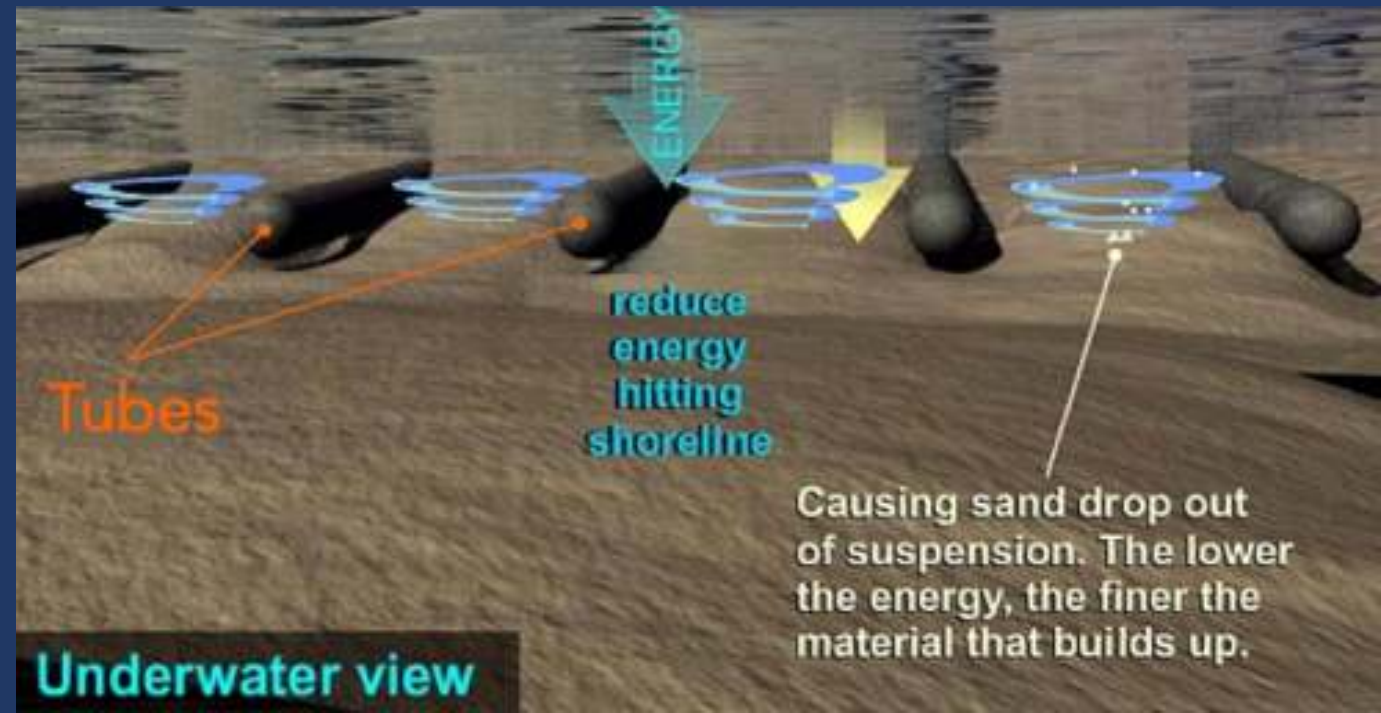
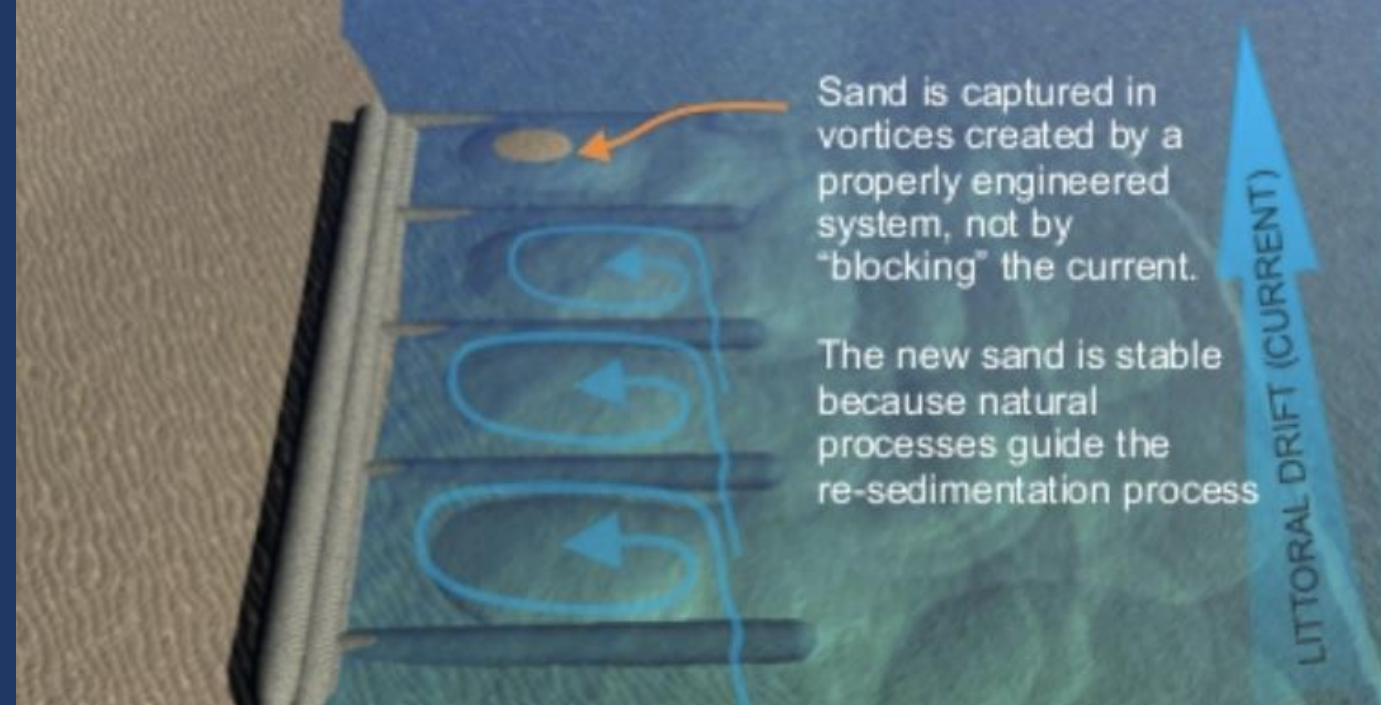


# Coastal Accretion Engineer Design (CAD): Restoring Your Shore

Our solution involves installing a Coastal Accretion Engineer Design (CAD) to combat beach erosion.

Through advanced research and algorithms, we mimic natural geology to promote beach accretion.

Stabilizer tubes placed strategically on the nearshore utilize the energy of ocean waves to restore your shore.





## Film/Art Project:

In this groundbreaking project, we offer a unique global stage for artists and companies to showcase their art. The scale of our installation is so immense that it can be seen from space, captivating millions of people worldwide. This innovative medium provides an unparalleled platform for promotion and exposure.

This project combines art, technology, and environmental consciousness, making it an ideal opportunity for artists and companies seeking to make a meaningful impact. By aligning with our mission of coastal restoration and environmental awareness, they not only gain exposure but also contribute to a larger cause that resonates with millions.

Join us on this extraordinary journey where your art and brand can transcend boundaries, inspire minds, and leave a lasting legacy. Together, we can create a monumental masterpiece admired and celebrated by future generations.



# UAE's groundbreaking coastal restoration project leads global conservation

Our coastal restoration project in Dubai is set to make the UAE the global leader in beach restoration and preservation efforts. With this groundbreaking initiative, the UAE will be the first in the world to demonstrate how human intervention can reverse beach erosion and restore the natural beauty of our coastlines. This pioneering project aligns with the UAE's commitment to innovation and sustainability, cementing its position as a trailblazer in environmental conservation on a global scale. The impact and recognition of this achievement will further solidify the UAE's position as a leader in addressing coastal challenges and inspire other nations to follow suit.



Thank You

Beach  Recovery  
Foundation